

DATE 0844Z 11 OCT 1963

SECRET

1	2	3	4	5	6

TO : DIRECTOR
FROM : KWCUPID
ACTION: OSA 1 - 20
INFO :

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C/OD				
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ROUTIN

tech
LB

50X1

TOR: 1013Z 11 OCT 1963

IN 95203

*by this to
Intel*

TO ADIC BEIGE
HBJAYWALK

INFO CACTUS

CITE CUPID 0215

50X1

1. THE COCKPIT BLOWER INSTALLED IN ARTICLE 359 HAS BEEN EVALUATED ON 6 TEST FLIGHTS, 3 FERRY, AND 2 OPERATIONAL SORTIES USING THE VENT GARMENT CMU-1P.

50X1

2. RESULTS WERE HIGHLY SATISFACTORY AND THE BLOWER IS CONSIDERED VERY BENEFICIAL BY ALL KWGLITTERS WHO HAVE USED IT, PARTICULARLY IN HOT HUMID CLIMATES. GREATEST BENEFIT IS OBTAINED DURING 30 MIN COCKPIT TIME PRIOR TO TAKEOFF. IT IS USED SIMULTANEOUSLY WITH REFRIGERATED AIR PUMPED INTO COCKPIT BY GROUND AIR CONDITIONER. DRIVERS REPORT SECONDARY BENEFIT FROM INTERMITTENT USE OF BLOWER IN FLIGHT TO ALLEVIATE FATIGUE AND BOREDOM ON LONG MSNS. THEY ARE BRIEFED TO DISCONNECT DURING FLIGHT WHEN NOT IN USE TO ELIMINATE POSSIBILITY OF PROBLEMS DURING BAILOUT OR SEAT EJECTION. WE ALSO PLAN TO INSTALL BLOWER IN PE TRANSPORT VAN.

3. WHEN USED PROPERLY WE FORESEE NO INHERENT DANGER FROM INSTALLATION AND USE OF BLOWER.

4. THE FOLLOWING RECOMMENDATIONS ARE SUBMITTED FOR YOUR CONSIDERATION.

DOCUMENT NO. _____
NO CHANGE IN CLASS. ☒
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S O 2011
NEXT REVIEW DATE: _____
AUTH: HR 70-2
DATE: 11/9/87 REVIEWED 064540

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

Copy No.

215 (IN 95208)

S E C R E T

PAGE TWO

A. ALL ARTICLES BE MODIFIED WITH BLOWER INSTALLED ALONG SAME LINES AS ARTICLE 359.

B. THE TYPE BLOWER INSTALLED IN 359 BE REPLACED BY A MODEL WHICH IS NOW AVAILABLE THAT IS SMALLER AND MORE EFFICIENT, COCKPIT LOCATION OF BLOWER TO REMAIN UNCHANGED.

C. ALL PARTIAL PRESSURE SUITS BE MODIFIED BY DAVE CLARK WITH VENT BLADDERS INSTALLED AS SUITS CAN BE ROTATED THRU THE PLANT.

D. THAT HOSE FROM SUIT BE INSTALLED ON RIGHT SIDE, SUGGEST HOSE LENGTH OF 10 TO 12 INCHES. HOSE CONNECTION FROM SUIT TO BLOWER SHOULD SEPARATE WITH AN EASY PULL WITH NO LOCKING DEVICE. SUGGEST NOT MORE THAN 10 POUNDS OF PULL TO SEPARATE HOSE CONNECTIONS.

END OF MESSAGE

*note:
asked MO to
get all suits & act so
modified*

S E C R E T